

**APPENDIX IV**

<b>LAND USE/LAND COVER</b>	<b>AREAS IN HUC-10 SUBWATERSHEDS (ACRES)</b>
	02
Bare Rock/Sand/Clay	27
Deciduous Forest	4,407
Emergent Herbaceous Wetlands	14
Evergreen Forest	1,006
High Intensity: Commercial/Industrial/Transportation	84
High Intensity: Residential	58
Low Intensity: Residential	603
Mixed Forest	1,693
Open Water	94
Other Grasses: Urban/Recreational	197
Pasture/Hay	2,073
Row Crops	324
Woody Wetlands	44
<b>Total</b>	<b>10,324</b>

*Table A4-1. Land Use Distribution in the Tennessee Portion of the North Fork Holston River Watershed by HUC-10. Data are from 1992 Multi-Resolution Land Characterization (MRLC) derived by applying a generalized Anderson Level II system to mosaics of Landsat thematic mapper images collected every five years.*

<b>HYDROLOGIC SOIL GROUPS</b>
<b>GROUP A SOILS</b> have low runoff potential and high infiltration rates even when wet. They consist chiefly of sand and gravel and are well to excessively drained.
<b>GROUP B SOILS</b> have moderate infiltration rates when wet and consist chiefly of soils that are moderately deep to deep, moderately to well drained, and moderately coarse to coarse textures.
<b>GROUP C SOILS</b> have low infiltration rates when wet and consist chiefly of soils having a layer that impedes downward movement of water with moderately fine to fine texture.
<b>GROUP D SOILS</b> have high runoff potential, very low infiltration rates, and consist chiefly of clay soils.

*Table A4-2. Hydrologic Soil Groups in Tennessee as Described in WCS.*

AGENCY	STATION	ALIAS	LOCATION	HUC-10
TDEC	NFHOL004.6SU	001980	North Fork Holston River @ RM 4.6	0601010102
TVA	475932		North Fork Holston River @ RM 0.15	0601010102
TVA	475122		North Fork Holston River @ RM 0.17	0601010102

**Table A4-3. STORET Water Quality Monitoring Stations in the Tennessee Portion of the North Fork Holston River Watershed.** RM, River Mile; TDEC, Tennessee Department of Environment and Conservation; TVA, Tennessee Valley Authority.

FACILITY NUMBER	PERMITEE	SIC	SIC NAME	WATERBODY	HUC-10
TN0066362	Vulcan Construction Materials (Kingsport Quarry)	1422	Limestone-Crushed and Broken	North Fork Holston River	0601010102

**Table A4-4. Active Permitted Mining Sites in the Tennessee Portion of the North Fork Holston River Watershed.** SIC, Standard Industrial Classification.

FACILITY NUMBER	FACILITY NAME	SECTOR	RECEIVING STREAM	AREA*	HUC-10
TNR054381	Henard Metal Fabricators	AA	UT to North Fork Holston River	2.8	0601010102
TNR050119	Carter Valley Auto Sales and Salvage	M	UT to North Fork Holston River	5	0601010102
TNR053458	APAC Plant 0416	D	Not Provided	3.48	0601010102

**Table A4-5. Active Permitted TMSF Facilities in the Tennessee Portion of the North Fork Holston River Watershed.** Area, acres of property associated with industrial activity; UT, Unnamed Tributary. Sector details may be found in Table A4-6.

<b>SECTOR</b>	<b>TMSP SECTOR NAME</b>
A	Timber Products Facilities
AA	Facilities That Manufacture Metal Products including Jewelry, Silverware and Plated Ware
AB	Facilities That Manufacture Transportation Equipment, Industrial or Commercial Machinery
AC	Facilities That Manufacture Electronic and Electrical Equipment and Components, Photographic and Optical Goods
AD	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Required)
AE	Facilities That Are Not Covered Under Sectors A Thru AC (Monitoring Not Required)
B	Paper and Allied Products Manufacturing Facilities
C	Chemical and Allied Products Manufacturing Facilities
D	Asphalt Paving, Roofing Materials, and Lubricant Manufacturing Facilities
E	Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing Facilities
F	Primary Metals Facilities
G	Metal Mines (Ore Mining and Dressing) (RESERVED)
H	Inactive Coal Mines and Inactive Coal Mining-Related Facilities
I	Oil or Gas Extraction Facilities
J	Construction Sand and Gravel Mining and Processing and Dimension Stone Mining and Quarrying Facilities
K	Hazardous Waste Treatment Storage or Disposal Facilities
L	Landfills and Land Application Sites
M	Automobile Salvage Yards
N	Scrap Recycling and Waste and Recycling Facilities
O	Steam Electric Power Generating Facilities
P	Vehicle Maintenance or Equipment Cleaning areas at Motor Freight Transportation Facilities, Passenger Transportation Facilities, Petroleum Bulk Oil Stations and Terminals, the United States Postal Service, or Railroad Transportation Facilities
Q	Vehicle Maintenance Areas and Equipment Cleaning Areas of Water Transportation Facilities
R	Ship or Boat Building and Repair Yards
S	Vehicle Maintenance Areas, Equipment Cleaning Areas or From Airport Deicing Operations located at Air Transportation Facilities
T	Wastewater Treatment Works
U	Food and Kindred Products Facilities
V	Textile Mills, Apparel and other Fabric Product Manufacturing Facilities
W	Furniture and Fixture Manufacturing Facilities
X	Printing and Platemaking Facilities
Y	Rubber and Miscellaneous Plastic Product Manufacturing Facilities
Z	Leather Tanning and Finishing Facilities

**Table A4-6. TMSP Sectors and Descriptions.**